IN THE CLAIMS:

The currently pending claims are as follows:

1. (previously presented) A disc brake for a vehicle, comprising:

a rotor; and

a caliper which applies a braking force to a friction surface portion of the rotor when in an in-use position,

wherein

the rotor has a hub portion adapted to be mounted on a hub of an axle of the vehicle,

the rotor has a connecting portion extending from the hub portion which, when in an in-use position, places the friction portion inboard toward a center of the vehicle a distance sufficient to place the friction portion outside an envelope of a wheel when the wheel is mounted on the axle hub.

2. (original) The disc brake of claim 1, wherein the friction portion has an outer radius greater than an inner radius of a rim of the wheel.

3. (previously presented) A vehicle axle assembly, comprising:

a vehicle axle; and

a disc brake disposed at a hub end of the vehicle axle, the disc brake including:

a rotor; and

a caliper disposed to apply a braking force to a friction surface portion of the rotor,

wherein

the rotor has a hub portion adapted to be mounted on a hub at the hub end of the axle,

the rotor has a connecting portion extending from the hub portion which, when in an in-use position, places the friction portion inboard toward a center of the vehicle a distance sufficient to place the friction portion outside an envelope of a wheel when the wheel is mounted on the axle hub.

4. (original) The vehicle axle assembly of claim 3, wherein the friction portion has an outer radius greater than an inner radius of a rim of the wheel.

5. (original) The vehicle axle assembly of claim 3, wherein the caliper is affixed to a caliper mount.

6. (original) The vehicle axle assembly of claim 5, wherein the caliper mount is affixed to the vehicle axle.

7. (original) The vehicle axle assembly of claim 3, wherein the axle hub is adapted to receive the hub portion of the rotor, and the rotor is held between the axle hub and a rim of a wheel.

8. (original) The vehicle axle assembly of claim 4, wherein the axle hub is adapted to receive the hub portion of the rotor, and the rotor is held between the axle hub and a rim of a wheel.

9. (original) The vehicle axle assembly of claim 3, further comprising:

a hub adapter,

wherein the hub adapter is arranged to receive the hub portion of the rotor and is disposed on the axle hub such that the rotor is axially inboard when a wheel rim is mounted on the axle hub.

10. (original) The vehicle axle assembly of claim 4, further comprising:

a hub adapter,

wherein the hub adapter is arranged to receive the hub portion of the rotor and is disposed on the axle hub such that the rotor is axially inboard when a wheel rim is mounted on the axle hub.

11. (previously presented) A disc brake for a vehicle, comprising:

a rotor; and

a caliper which applies a braking force to a friction surface portion of the rotor when in an in-use position,

wherein

the rotor has a hub portion adapted to be mounted on a hub of an axle of the vehicle, and when in an in-use position, the hub portion is located within an envelope of a wheel when the wheel is mounted on the axle hub,

the rotor has a connecting portion extending from the hub portion which, when in an in-use position, places the friction portion inboard toward a center of the vehicle a distance sufficient to place the friction portion outside the wheel envelope.

12. (previously presented) The disc brake of claim 11, wherein the friction portion has an outer radius greater than an inner radius of a rim of the wheel.

13. (previously presented) A vehicle axle assembly, comprising:

a vehicle axle; and

a disc brake disposed at a hub end of the vehicle axle, the disc brake including:

a rotor; and

a caliper disposed to apply a braking force to a friction surface portion of the rotor,

wherein

the rotor has a hub portion adapted to be mounted on a hub at the hub end of the axle, and when in an in-use position, the hub portion is located within an envelope of a wheel when the wheel is mounted on the axle hub,

rotor has a connecting portion extending from the hub portion which, when in an in-use position, places the friction portion inboard toward a center of the vehicle a distance sufficient to place the friction portion outside the wheel envelope

14. (previously presented) The vehicle axle assembly of claim 13, wherein the friction portion has an outer radius greater than an inner radius of a rim of the wheel.

15. (previously presented) The vehicle axle assembly of claim 13, wherein the caliper is affixed to a caliper mount.

16. (previously presented) The vehicle axle assembly of claim 15, wherein the caliper mount is affixed to the vehicle axle.

17. (previously presented) The vehicle axle assembly of claim 13, wherein the axle hub is adapted to receive the hub portion of the rotor, and the rotor is held between the axle hub and a rim of a wheel.

18. (previously presented) The vehicle axle assembly of claim 14, wherein the axle hub is adapted to receive the hub portion of the rotor, and the rotor is held between the axle hub and a rim of a wheel.

19. (previously presented) The vehicle axle assembly of claim 13, further comprising:

a hub adapter,

wherein the hub adapter is arranged to receive the hub portion of the rotor and is disposed on the axle hub such that the rotor is axially inboard when a wheel rim is mounted on the axle hub.

20. (previously presented) The vehicle axle assembly of claim 14, further comprising:

a hub adapter,

wherein the hub adapter is arranged to receive the hub portion of the rotor and is disposed on the axle hub such that the rotor is axially inboard when a wheel rim is mounted on the axle hub.